



Instructional Services

presents

MICROMEDEX® Healthcare Series

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DRUGDEX®

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POISINDEX®

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OVERVIEW

The MICROMEDEX® Healthcare Series provides Web-based desktop access to full text drug information. Its knowledge bases include DRUGDEX®, DRUG-REAX®, POISINDEX®, IDENTIDEX®, EMERGINDEX®, PDR, Index Nominum, and many more drug and toxicology information systems. These combined knowledge bases support clinical decision making and quality patient care by providing comprehensive drug, acute care, and toxicology information.

CONNECTING

You may connect to MICROMEDEX® at <http://druginfo.cc.nih.gov/> or by going to the NIH Library's home page (<http://nihlibrary.nih.gov/>) and clicking on Electronic Resources, then MICROMEDEX. Access is restricted to NIH Staff. To access from home, you will need a Parachute Account from CIT. Call 496-3278 or visit <http://parachute.nih.gov> for details.

HELP

The help system for MICROMEDEX is very thorough. The "Help" icon is at the top of the screen.

SEARCHING THE INTEGRATED INDEX

The default search mode is the Integrated Index. The Integrated Index allows you to enter keyword(s) or phrases in one place which are then searched across the following knowledge bases:

AltMedDex™, DRUGDEX®, DrugPoints®, TOMES® (MEDITEXT® and HAZARDTEXT®), Martindale's, EMERGINDEX®, ClinicalPoints™, REPRORISK®, POISINDEX®, ToxPoints™, IDENTIDEX®, Physician's Desk Reference® and MSDS from USP DI®. Hits are returned identifying the knowledge base from which they came and are listed as hypertext links, which when clicked move to the document.

Please Note:

1. DRUG-REAX[®] is not searched via the Integrated Index. It must be searched individually.
2. Searching POISINDEX[®] through the Integrated Index will only return poisoning and toxicological managements only. For commercial products, click “Toxicology” under “Find a tool.”

Use the Integrated Index™ System to find quick answers

Search for summaries and detailed monographs for drugs, toxicological managements, reproductive risks, and acute/emergency care.

OR

[Search by database](#)
[Search by category](#)
[See database descriptions](#)

Enter search term(s)

 **Find drugs and substances**
• [Toxicology](#)
(POISINDEX[®] & IDENTIDEX[®] Systems)
• [Trade/Generic Drugs](#)
(DRUGDEX[®] & MARTINDALE Systems)

 **Use a tool**
• [Drug Interactions](#)
(DRUG-REAX[®] System)
• [Dosing Tools](#)
(Calculators & Nomograms, Pearls)

 **Access patient education**
• [Patient Leaflets](#)

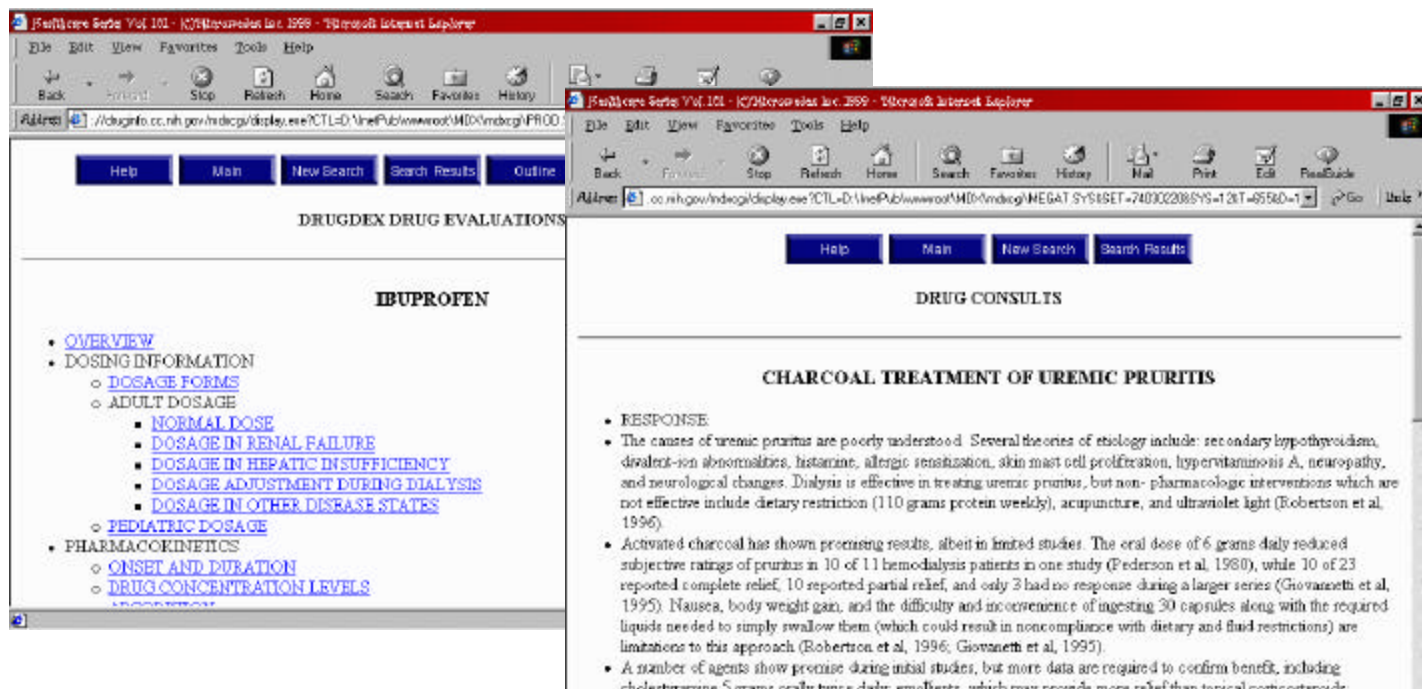
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SEARCHING THE KNOWLEDGE BASES

To select a specific knowledge base, or combination of knowledge bases, click “Search by database” from the main screen.

DRUGDEX[®]

DRUGDEX[®] System provides independently reviewed data gathered from major drug centers and pharmacology services worldwide. FDA-approved and investigational drugs, along with over-the-counter and non-U.S. preparations, are covered with regard to dosage, pharmacokinetics, cautions, interactions, clinical applications, and comparative drug efficacy. Information is prepared by the MICROMEDEX[®] editorial board and can be retrieved by generic name, manufacturer brand name, or indications. The modules within DRUGDEX[®] are Drug Evaluations, monographs detailing pharmacokinetics, clinical applications, and indications for drugs; Drug Consults, patient related, referenced consultations with case histories; and the Product Index, information on trade names, manufacturers, and dosage form for investigational, international, FDA-approved, and over-the-counter preparations.

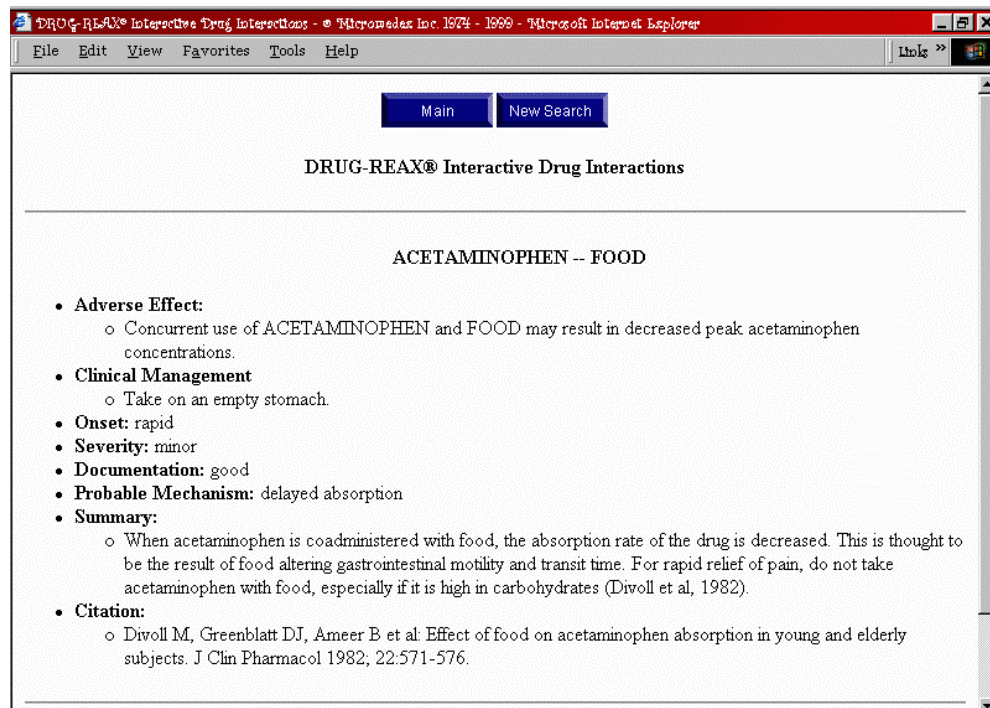


The screenshot displays two side-by-side browser windows from the DRUGDEX website. The left window, titled "DRUGDEX DRUG EVALUATIONS", shows a search for "IBUPROFEN". The left sidebar lists categories: OVERVIEW, DOSING INFORMATION (with sub-links for DOSAGE FORMS, ADULT DOSAGE, NORMAL DOSE, DOSAGE IN RENAL FAILURE, DOSAGE IN HEPATIC INSUFFICIENCY, DOSAGE ADJUSTMENT DURING DIALYSIS, DOSAGE IN OTHER DISEASE STATES, and PEDIATRIC DOSAGE), and PHARMACOKINETICS (with sub-links for ONSET AND DURATION and DRUG CONCENTRATION LEVELS). The right window, titled "DRUG CONSULTS", shows a search for "CHARCOAL TREATMENT OF UREMIC PRURITIS". The left sidebar lists categories: RESPONSE, and a detailed text block discussing the causes of uremic pruritus, the effectiveness of dialysis, and the use of activated charcoal, citing various studies and experts.

DRUG-REAX®

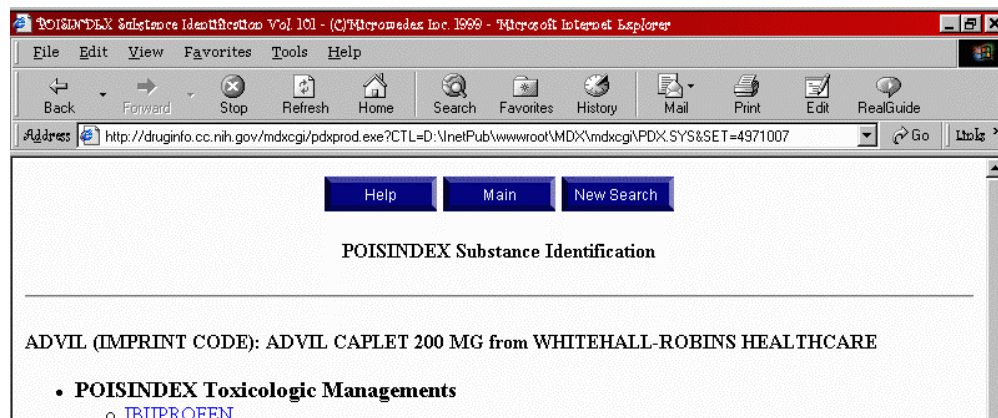
(Choose Drug-REAX from “Drug Interactions” under “Use a Tool” at the bottom of the main search screen.)

The DRUG-REAX® System allows clinicians to check for interacting drug ingredients, their effects, and their clinical significance. It provides drug-drug (including additive adverse effects), food-drug, drug-disease, drug-ethanol, and drug-laboratory assay interactions. DRUG-REAX® information is drug-specific rather than class-specific, which helps to more accurately interpret interaction data.

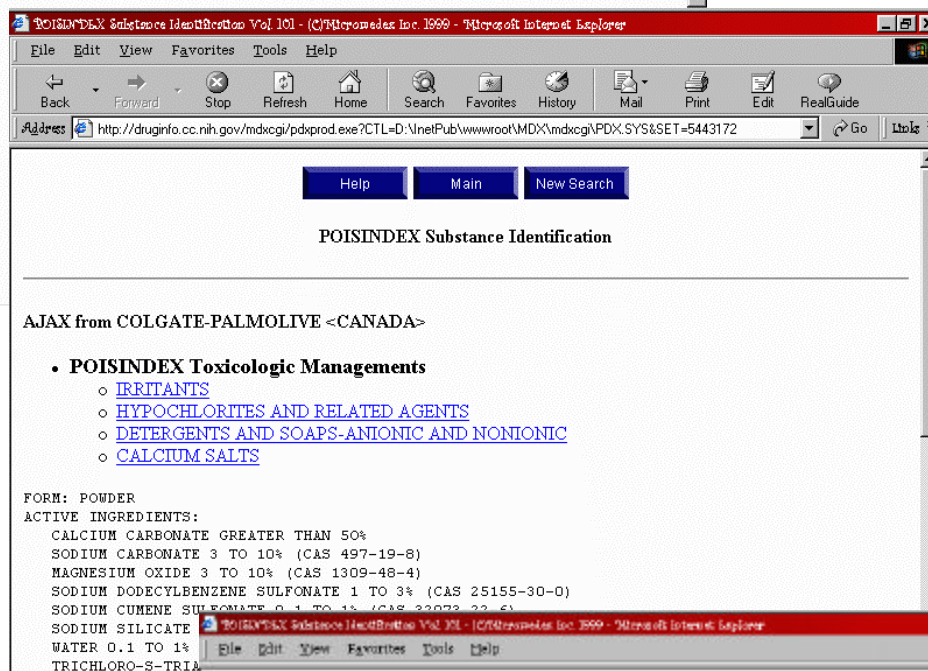


POISINDEX®

The POISINDEX® System identifies ingredients for hundreds of thousands of commercial, pharmaceutical, and biological substances. Each substance is linked to one or more management documents providing information on clinical effects, range of toxicity, and treatment protocols for exposures involving the substances. To search for the formulation of products, and the makeup of biological substances, use the "Toxicology" link under "Find drugs and substances" at the bottom of the main search screen. Searching the Integrated Index will return only the management documents for poisoning and toxicological management of exposure.



IMPRINT CODE: ADVIL
COLOR: LIGHT BROWN
FORM: CAPLET
ACTIVE INGREDIENTS:
IBUPROFEN 200 MG
INERT INGREDIENTS:
CARNAUBA WAX
CROSCARMELOSE SODIUM
IRON OXIDE
METHYLPARABEN
PHARMACEUTICAL GLAZE
PROPYLPARABEN
POVIDONE
TITANIUM DIOXIDE



IDENTIDEX®

The IDENTIDEX® database identifies pharmaceutical tablets and capsules by imprint code and secondary characteristics, such as color and shape. Prescription and over-the-counter drugs (both trademarked and generic) are listed, along with manufacturers' telephone numbers and logo descriptions. Many international and street drugs are included, as is an extensive index of drug-related slang terms.

IDENTIDEX Imprint Identification

G, TN 20 (IMPRINT CODE): ALPHA-TAMOXIFEN TABLET 30.4 MG from GENPHARM <CANADA>

- **POISINDEX Toxicologic Managements**
 - [SELECTIVE ESTROGEN RECEPTOR MODULATORS](#)

IMPRINT CODE: TN 20 G
COLOR: WHITE
SHAPE: OCTAGONAL, SCORED
FORM: TABLET
ACTIVE INGREDIENTS:
TAMOXIFEN CITRATE 30.4 MG
AVAILABLE CONTAINER:
ALUMINUM BLISTER PACK OF 60; BOX OF 30; PLASTIC CONTAINER OF 250
FOR MORE INFORMATION CONTACT:
GENPHARM (CANADA)

NOTE:
TAMOXIFEN CITRATE IS EQUIVALENT TO TAMOXIFEN 20 MG.

Product ID: 5184447 - 09/94

All POISINDEX(R) product information is CONFIDENTIAL

IDENTIDEX Imprint Identification

G-SHOT (SLANG TERM)

SMALL DOSE OF DRUGS, USED BY ADDICT UNTIL FULL DOSE CAN BE OBTAINED

NOTE:
THIS TERM WAS SUPPLIED BY THE PITTSBURGH POISON CENTER IN 1984. IT MAY HAVE DIFFERENT MEANINGS IN OTHER PARTS OF THE COUNTRY.

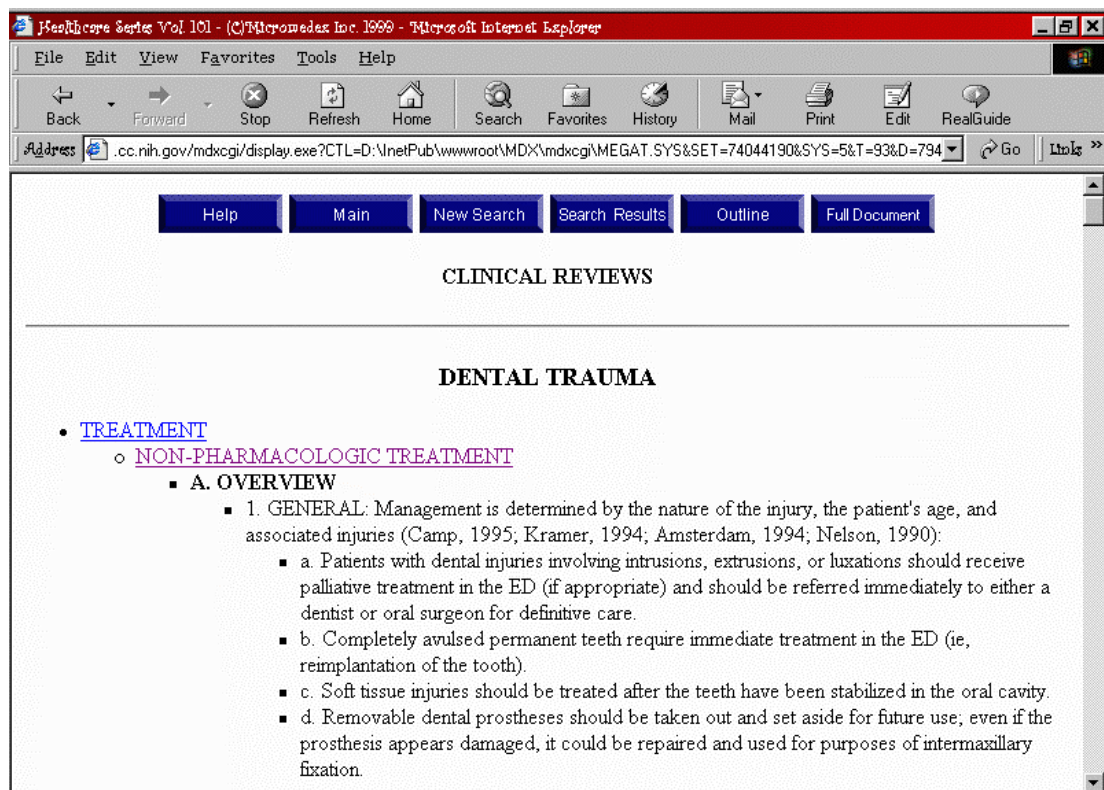
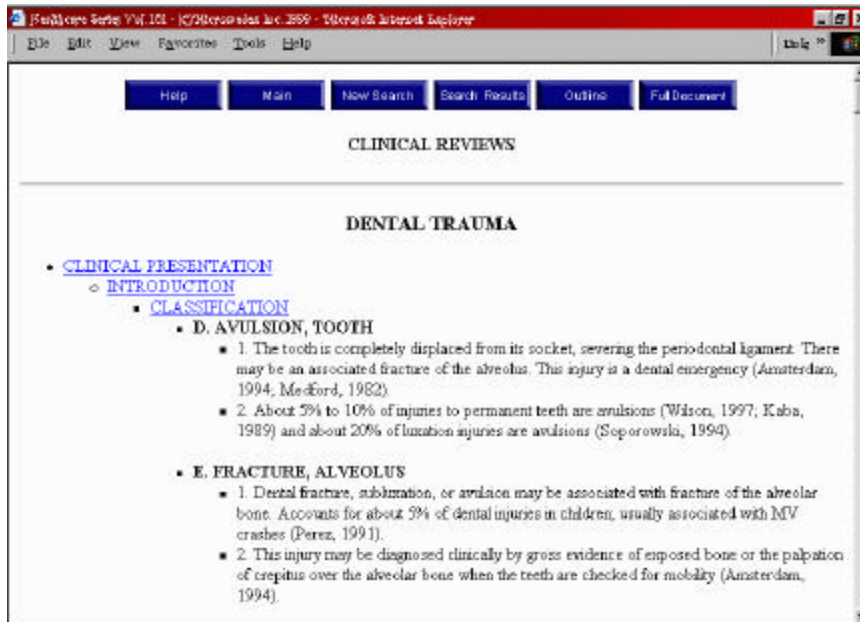
Product ID: 3115147 - 02/85

All POISINDEX(R) product information is CONFIDENTIAL, intended for use by healthcare professionals, and may not be released to nonmedical personnel.

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EMERGINDEX[®]

The EMERGINDEX[®] System is designed to provide treatment protocols and guidelines for use in acute care settings. Database features include pertinent clinical presentations, laboratory and diagnostic findings, therapeutic modalities, and answers to patient-specific questions. Prehospital protocols are included and information is retrievable using a 40,000 key-word thesaurus.



TIPS ON SEARCHING

- MICROMEDEX joins more than one keyword with the boolean operator AND. For example you would enter *reyes syndrome aspirin* when searching for documents about Reyes Syndrome and aspirin. Boolean operators cannot be entered by the user.
- When you enter multiple drug names as keywords, the system automatically looks for comparison and interaction documents.
- The system automatically truncates your terms.
- Be sure to consider synonyms when searching, but don't include all synonyms in one search, as the system will use AND to connect them instead of OR.

Coverage of the Knowledge Bases:

Drug Information

[AltMedDex™](#)

[DRUGDEX®](#)

[Physicians' Desk Reference®](#)

[MARTINDALE](#)

[USP DI® MSDS](#)

[DrugPoints®](#)

[ClinicalPoints™](#)

Toxicology

[POISINDEX®](#)

[TOMES®](#)

[ToxPoints™](#)

Acute Care

[EMERGINDEX®](#)

Reproductive Health Information

[REPRORISK®](#)

PRINTING

You may print the entire document or selected text.

Entire Document:

- Use the print function of your web browser.

Selected text from Internet Explorer 4.01+ or Netscape Navigator 4.5+

1. Highlight text with your cursor.
2. Click "Print" on the browser toolbar.
3. Choose "Selection" under the Range section of the dialog box.
4. Click "OK."

REFERENCING MICROMEDEX® DATABASES

You may reference the entire MICROMEDEX® system, entire system or database, or individual documents. Please see

<http://druginfo.cc.nih.gov/mdxdocs/Micromdx.htm#reference> for specific instructions.